Validated By CRFValidator v 1.0.3

Application No: 10534766 Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-02 15:07:00.621
Finished: 2007-10-02 15:07:00.808
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 187 ms
Total Warnings: 1
Total Errors: 0
No. of SeqIDs Defined: 1
Actual SeqID Count: 1

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)

SEQUENCE LISTING

<110> THE SCRIPPS RESEARCH INSTITUTE
BRACEY, Michael H.
HANSON, Michael A.
STEVENS, Raymond C.
CRAVATT, Benjamin F.

<120> CRYSTALLINE FORM OF FATTY ACID AMIDE HYDROLASE (FAAH)

<130> SCRIP1590WO

<140> 10534766
<141> 2007-10-02

<150> PCT/US2003/036125
<151> 2003-11-14

<150> US 60/426,788
<151> 2002-11-14

<160> 1

<170> PatentIn version 3.1

<210> 1
<211> 579
<212> PRT
<213> Rat

<400> 1

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Cys Leu Ala Cys Ser Leu Leu Ser Ala Ala Val Val Leu Arg Trp Thr
            20                  25                  30


Gly Arg Gln Lys Ala Arg Gly Ala Ala Thr Arg Ala Arg Gln Lys Gln
        35                  40                  45


Arg Ala Ser Leu Glu Thr Met Asp Lys Ala Val Gln Arg Phe Arg Leu
    50                  55                  60


Gln Asn Pro Asp Leu Asp Ser Glu Ala Leu Leu Thr Leu Pro Leu Leu
65                  70                  75                  80


Gln Leu Val Gln Lys Leu Gln Ser Gly Glu Leu Ser Pro Glu Ala Val
                85                  90                  95


Phe Phe Thr Tyr Leu Gly Lys Ala Trp Glu Val Asn Lys Gly Thr Asn
            100                 105                 110
```

```
Cys Val Thr Ser Tyr Leu Thr Asp Cys Glu Thr Gln Leu Ser Gln Ala
        115                 120                 125

Pro Arg Gln Gly Leu Leu Tyr Gly Val Pro Val Ser Leu Lys Glu Cys
    130                 135                 140

Phe Ser Tyr Lys Gly His Asp Ser Thr Leu Gly Leu Ser Leu Asn Glu
145                 150                 155                 160

Gly Met Pro Ser Glu Ser Asp Cys Val Val Val Gln Val Leu Lys Leu
                165                 170                 175

Gln Gly Ala Val Pro Phe Val His Thr Asn Val Pro Gln Ser Met Leu
            180                 185                 190

Ser Phe Asp Cys Ser Asn Pro Leu Phe Gly Gln Thr Met Asn Pro Trp
        195                 200                 205

Lys Ser Ser Lys Ser Pro Gly Gly Ser Ser Gly Gly Glu Gly Ala Leu
    210                 215                 220

Ile Gly Ser Gly Gly Ser Pro Leu Gly Leu Gly Thr Asp Ile Gly Gly
225                 230                 235                 240

Ser Ile Arg Phe Pro Ser Ala Phe Cys Gly Ile Cys Gly Leu Lys Pro
                245                 250                 255

Thr Gly Asn Arg Leu Ser Lys Ser Gly Leu Lys Gly Cys Val Tyr Gly
            260                 265                 270

Gln Thr Ala Val Gln Leu Ser Leu Gly Pro Met Ala Arg Asp Val Glu
        275                 280                 285

Ser Leu Ala Leu Cys Leu Lys Ala Leu Leu Cys Glu His Leu Phe Thr
    290                 295                 300

Leu Asp Pro Thr Val Pro Pro Leu Pro Phe Arg Glu Glu Val Tyr Arg
305                 310                 315                 320

Ser Ser Arg Pro Leu Arg Val Gly Tyr Tyr Glu Thr Asp Asn Tyr Thr
                325                 330                 335
```

```
Met Pro Ser Pro Ala Met Arg Arg Ala Leu Ile Glu Thr Lys Gln Arg
            340                 345                 350

Leu Glu Ala Ala Gly His Thr Leu Ile Pro Phe Leu Pro Asn Asn Ile
        355                 360                 365

Pro Tyr Ala Leu Glu Val Leu Ser Ala Gly Gly Leu Phe Ser Asp Gly
    370                 375                 380

Gly Arg Ser Phe Leu Gln Asn Phe Lys Gly Asp Phe Val Asp Pro Cys
385                 390                 395                 400

Leu Gly Asp Leu Ile Leu Ile Leu Arg Leu Pro Ser Trp Phe Lys Arg
                405                 410                 415

Leu Leu Ser Leu Leu Leu Lys Pro Leu Phe Pro Arg Leu Ala Ala Phe
            420                 425                 430

Leu Asn Ser Met Arg Pro Arg Ser Ala Glu Lys Leu Trp Lys Leu Gln
        435                 440                 445

His Glu Ile Glu Met Tyr Arg Gln Ser Val Ile Ala Gln Trp Lys Ala
    450                 455                 460

Met Asn Leu Asp Val Leu Leu Thr Pro Met Leu Gly Pro Ala Leu Asp
465                 470                 475                 480

Leu Asn Thr Pro Gly Arg Ala Thr Gly Ala Ile Ser Tyr Thr Val Leu
                485                 490                 495

Tyr Asn Cys Leu Asp Phe Pro Ala Gly Val Val Pro Val Thr Thr Val
            500                 505                 510

Thr Ala Glu Asp Asp Ala Gln Met Glu Leu Tyr Lys Gly Tyr Phe Gly
        515                 520                 525

Asp Ile Trp Asp Ile Ile Leu Lys Lys Ala Met Lys Asn Ser Val Gly
    530                 535                 540

Leu Pro Val Ala Val Gln Cys Val Ala Leu Pro Trp Gln Glu Glu Leu
545                 550                 555                 560
```

Cys Leu Arg Phe Met Arg Glu Val Glu Gln Leu Met Thr Pro Gln Lys
565 570 575

Gln Pro Ser